

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2014

Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	10/28/2014 10/28/2014	Clay Thomas

LM Start		Rating **	A	Issue No.	5		
LM End		Issue Type +	Ma	Location *	N/A		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Operations & Maintenance Manuals				°		°
					°		°
DWR ID	DWR_RD0108_01_s_2013_5						
Action/Comments							
Inspector Comments: RD 108 has levee manuals.							

No Photos

LM Start		Rating **	A	Issue No.	7
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				°
					°
DWR ID	DWR_RD0108_01_s_2013_7				
Action/Comments					
Inspector Comments: RD 108 maintains a stockpile of flood response materials.					

No Photos

LM Start		Rating **	A	Issue No.	9		
LM End		Issue Type +	Ma	Location *	N/A		
Category	Earthen Levee			GPS Latitude/Longitude			
				Start		End	
Item	Flood Preparedness & Training				°		°
					°		°
DWR ID	DWR_RD0108_01_s_2013_9						
Action/Comments							
Inspector Comments: RD 108 has written response plans and regular flood response training.							

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Colusa Basin Drain	Left	20.64	10/28/2014 10/28/2014	Clay Thomas

LM Start	9.28	Rating **	A/W	Issue No.	279 (cont)	
LM End	9.28	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.897452 °		38.897452 °
				-121.914680 °		-121.914680 °
DWR ID	DWR_RD0108_01_f_2013_279					
Action/Comments						
Repair slope instability.						

Photo 2 of 2 : FA_2014_RD0108_203_279_20141014_00012.jpg



Slope stability with cracking 1-2 inches open and 12 inches deep Fall 2013 The district is monitoring the site.

LM Start	9.28	Rating **	C	Issue No.	278
LM End	9.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.897453 °	38.897453 °
				-121.914680 °	-121.914680 °
DWR ID	DWR_RD0108_01_f_2013_278				
Action/Comments					
Monitor and have inspected by geotechnical engineer.					

No Photos

LM Start	13.75	Rating **	C	Issue No.	11
LM End	13.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.958947 °	38.958947 °
				-121.915623 °	-121.915623 °
DWR ID	DWR_RD0108_01_s_2014_11				
Action/Comments					
Monitor and have inspected by geotechnical engineer.					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	10/28/2014 10/28/2014	Clay Thomas

LM Start	14.22	Rating **	C	Issue No.	280
LM End	14.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.964848 °	38.965205 °
				-121.920245 °	-121.920537 °
DWR ID	DWR_RD0108_01_f_2013_280				
Action/Comments					
Monitor and have inspected by geotechnical engineer.					

No Photos

LM Start	14.46	Rating **	M	Issue No.	12
LM End	14.46	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.967243 °	38.967243 °
				-121.923407 °	-121.923407 °
DWR ID	DWR_RD0108_01_s_2014_12				
Action/Comments					
Schedule repair of subsidence prior to the next inspection.					

Photo 1 of 1 : FA_2014_RD0108_203_12_20141014_00008.jpg



Cracking along the shoulder of the crown. Some slope instability has occurred. Spring 2014

LM Start	14.54	Rating **	C	Issue No.	2
LM End	14.54	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.968032 °	38.968032 °
				-121.924480 °	-121.924480 °
DWR ID	DWR_RD0108_01_f_2012_2				
Action/Comments					
Monitor and have inspected by geotechnical engineer.					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Colusa Basin Drain	Left	20.64	10/28/2014 10/28/2014	Clay Thomas

LM Start	14.71	Rating **	C	Issue No.	13
LM End	14.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.969708 °	38.969708 °
				-121.926840 °	-121.926840 °
DWR ID	DWR_RD0108_01_s_2014_13				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

LM Start	19.23	Rating **	M	Issue No.	3
LM End	19.23	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			39.016727 °	39.017516 °
				-121.985411 °	-121.986374 °
DWR ID	DWR_RD0108_01_f_2014_3				
Action/Comments					
Inspector Comments: 2011 - Toe scour at the bottom of a steep bank, large sections of the toe are sliding down. Erosion may be due to the upstream bend. 2013: Site is part of the extended inventory, last inspected 2011. [2013 Site ID: CBD_19-2_L]					

No Photos

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Reclamation District No. 0108 River Farms

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Castle Properties	Right	0.28	10/28/2014 10/28/2014	Clay Thomas

LM Start	0.02	Rating **	A	Issue No.	2
LM End	0.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.799008 °	38.796205 °
				-121.724852 °	-121.727988 °
DWR ID	DWR_RD0108_02_f_2012_2				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Brush and trees are on the water side levee slope but do not block visibility.					

Photo 1 of 2 : FA_2014_RD0108_590_2_20141014_00001.jpg



Brush and trees are on the waterside slope but does not block visibility.
Spring 2013

LM Start	0.02	Rating **	A	Issue No.	2 (cont)
LM End	0.28	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2014_RD0108_590_2_20141106_00004.jpg



Levee mile 0.09, vegetation on the land side levee slope. Fall 2014.

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+ Issue Type
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Ob : Design & System Obsolescence
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